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CENTRAL INTELLIGENCE AGENCY

25X1A

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frame machine, a light sewing machine for leather and an **top** leather processing machine (Oberlederschaeftmaschine). Developments in the construction of woodworking machinery include some frames (Gatter), a cleaning and planing machine and a three-sided planing machine. Developments in the construction of agricultural machinery included a double furrow paring plough (Zweischichten-Schaelplugh) and a sugar beet hoisting machine. A small offset printing machine and a high-capacity offset printing machine were also developed. Improvements were made in the production of a bottle-labeling machine, in the method of producing screws and small hardware, and in the construction of machines for the production of metal tubes and pneumatic tools. These improvements would allegedly enable the Soviet Zone to meet its domestic requirements for these items. Developments in the construction of vehicles include new refrigerators, streetcars, a self-supporting chassis (selbsttragende Karosserie) for the F8 passenger car and the K3A truck equipped with a Diesel engine, as well as a journal shaft (Lapfwelle) working independently from the engine clutch designed for the 30 HP agricultural tractor. The projects planned for various types of ships and for a floating crane (Schwimmkran) cannot be completed until a later date. Material will be saved and costs will be lowered by the development of assembly line production of engines and by reducing the number of engine types produced. A new and improved welding technique will allegedly be possible with a new multiple welding transformer which has been developed. New developments in installation material (sic) and electrical equipment for automobiles are planned which will make it unnecessary for the Soviet Zone to import these products. Through the development of new radio sets it is hoped to create export possibilities. New methods were developed for the production of telecommunication equipment, fire alarm ~~switchboards~~ (Feuermeldezentralen), condensers, radio installations for fisheries, infrared radiation devices, a high frequency generator, various measuring instruments, a machine telegraph for shipbuilding (sic), and a ship clock. It has also been made possible to produce watch jewels from raw materials available in the Soviet Zone.

4. The research work has been hampered because the plan did not provide investment funds for the creation of facilities for the mass production in 1951 of some of the completed developments.
5. By order of the Central Office of Research and Technology of the State Planning Commission in the Soviet Zone of Germany, a detailed final report must be submitted six weeks, at the latest, after the completion of each development. In most instances the production records, a model and a test machine must be made, although in rare cases, only the production records are required. On items to be put into mass production, a test production must first be made to ascertain the production costs and to work out the technical problems of production.

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